PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

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Complete if Known				
Application Number	10/688 734			
Filing Date	10/16/03			
First Named Inventor	Sancto			
Art Unit		-		
Examiner Name				
Attorney Docket Number				

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,885,777	12/05/89	Takaragi, et.al.	
		^{US-} 4,926,480	05/15/90	Chaum &	
		^{US-} 4,991,210	02/05/91	Chaum	
7		^{US-} 5,005,200	04/02/91	Fischer	
		^{US-} 5,018,196	05/21/91	Takaragi, et.al.	
		^{US-} 5,131,039	07/14/92	Chaum	
		^{US-} 5,196,840	03/23/93	Leith, et.al.	
		^{US-} 5,214,701	05/25/93	Fischer	
-		^{US-} 5,218,637	06/08/93	Angebaud, et.al.	
		^{US-} 6,026,166	02/15/00	LeBourgeois	
		^{US-} 5,311,595	05/10/94	Bjerrum, et.al.	
		^{.US-} 5,351,293	09/27/94	Michener, et.al.	
		^{US-} 5,442,707	08/15/95	Miyaji, et.al.	
		^{US-} 5,502,765	03/26/96	Ishiguro, et.al.	
		US- 5,513,260	04/30/96	Ryan	
		^{US-} 5,515,441	05/07/96	Faucher	
		^{US-} 5,559,887	09/24/96	Davis, et.al.	
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	76
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	<u> </u>
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Application Number	10/688734			
Filing Date	10/16/03			
First Named Inventor	Sancho			
Art Unit				
Examiner Name				
Attorney Docket Number				

NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of Examiner the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue Initials* No. T² number(s), publisher, city and/or country where published. B. CLIFFORD NEWMAN, Proxy-Based Authorization and Accounting for Distributed Systems, Proceedings of the 13th International Conference on Distributed Computing Systems, Page 283 to 291, Pittsburgh, May 1993 B. CLIFFORD NEWMAN AND GENNADY MEDVINSKY, Requirements for Network Payment: The 2 NetCheque Perspective, Proceedings of IEEE Compcon '95, San Francisco, March 1995 V. NICOMETTE AND Y. DESWARTE, An Authorization Scheme For Distributed Object Systems, 3 Proceedings of IEEE Symposium on Security and Privacy, Page 21 to 30 Oakland, CA, May 1997 JAY M. TENENBAUM, CATHY MEDICH, ALLAN M. SCHIFFMAN AND WILLIAM T. WONG, CommerceNet: 4 Spontaneous Electronic Commerce on the Internet, COMPCON '95, SanFrancisco CA March 1995 BRIAN TUNG, The Moron's Guide to Kerberos, Version 1.2.2, Page 1 to 5 11 http://www.isi.edu/post/brian/security/kerberos.html, April 9, 2003 MARVIN SIRBU AND J.D. TYGAR, NetBill: An Internet Commerce System Optimized for 6 Network Delivered Services, COMPCON '95, Page 20 to 35, San Francisco, CA March 1995 DIETER GOLLMANN, What do we mean by Entity Authentication?, 1996 7 IEEE Symposium on Security and Privacy, Page 46 to 54, Oakland, CA, May 1996 GENNADY MEDVINSKY AND B. CLIFFORD NEWMAN, NetCash: A Design for Practical Electronic Currency 8 on the Internet, Information Sciences Institute, California

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Substitute for form 1449/PTO	Complete if Known		
	Application Number	10/688734	
INFORMATION DISCLOSURE	Filing Date	10/16/03	
STATEMENT BY APPLICANT	First Named Inventor	Sancho	
Alex as many shorts as Tassassini	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
Sheet Three of Three	Attorney Docket Number		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	9	DAVID CHAUM, Achieving Electronic Privacy, Page 96 to 101, Scientific American, August 1992, Volume 267, Number 2	
•	10	Kerberos Overview - An Authentication Service for Open Network Systems, Updated: Jan. 14, 2003, Document ID: 16087	
•	11	LARRY MC GHAW, Connx Security, October 13, 1997 CONNX White Paper, Solutions IQ	
	12	ROGER M. NEEDHAM AND MICHAEL D. SCHROEDER, Using Encryption for Authentication in Large Networks of Computers, Operatings Systems, R. Stockton Gaines, Editor, Xerox Palo Alto	
		Research Center, Page 993 to 999, December 1978, Volume 21, Number 12	
	13	WENBO MAO, On two Proposals for On-line Bankcard Payments using Open Networks: Problems and Solutions, 1996 IEEE Symposium on Security and Privacy, May 1996, Oakland CA,	
		Page 201 to 210	
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